Lower-Emission School Bus Program

Application Process Overview

Workshops: October 14, 16, 21, 22, 2008



California Air Resources Board

California Air Pollution Control Officers Association



Overview

- 1. Application Timeline
- 2. Application Process
- 3. Application Package
- 4. Required Documentation
- 5. Application FAQs
- 6. Contact Information



Application Timeline

Application Deadline (postmarked)	October 31, 2008
Grant Selections Announced	December 8, 2008
Grant Agreements Signed by School Districts for Approved Projects	January 23, 2009

All Projects/Equipment in Operation by June 30, 2011



Application Process

 ICF will first review, then forward all complete applications to ARB for review

 Applicant notified of approval/denial by December 8, 2008

 Upon approval, ARB will prepare grant for signing by applicant and ARB



Application Package

Must Include:

1. Cover Letter

 Include contact information and signature of person authorized to represent school district

2. School Board Resolution (or letter of intent)

- Must specify the person implementing grant program
- For 1977-86 MY bus replacements, must address the \$25,000 match funding req't for each new bus

3. School District Application Form

- Replacement Application
- Retrofit Application



Required Documentation

- ⇒ Replacement Application
- ⇒ Retrofit Application

- ☐ IRS W-9 ☐ CHP form 292
- □ Department of Motor Vehicles registration
- □ Dated and itemized dealer/vendor quote
- ☐ ARB certification executive order
- School board resolution



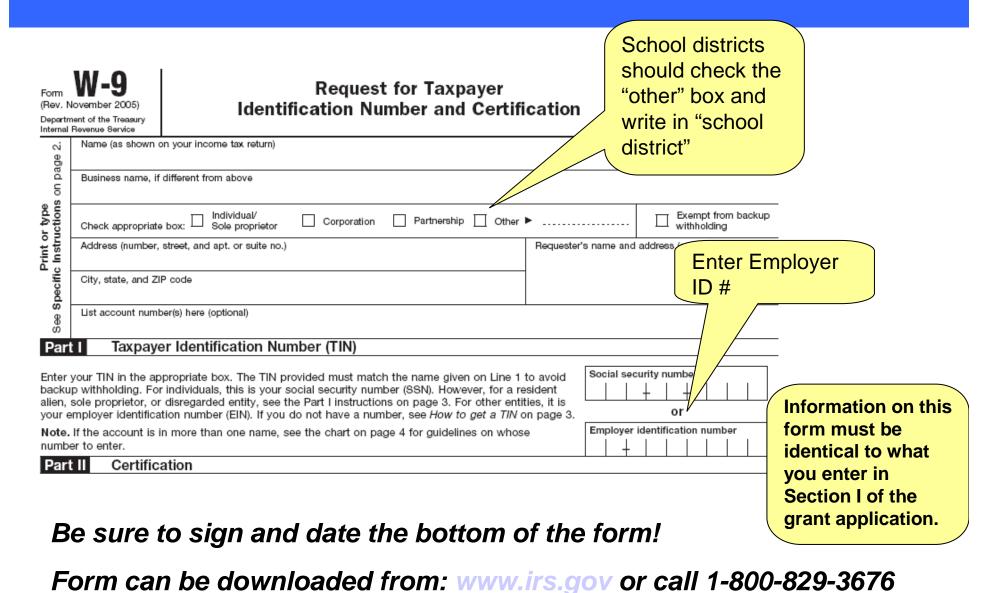
Required Documentation

- ⇒ Replacement Application
- ⇒ Retrofit Application

- **☑ IRS W-9**
- ☐ CHP form 292
- Department of Motor Vehicles registration
- □ Dated and itemized dealer/vendor quote
- ☐ ARB certification executive order
- □ School board resolution



☑ IRS W-9 Form





Required Documentation

- ⇒ Replacement Application
- ⇒ Retrofit Application

- □IRS W-9
- **☑** CHP form 292
- □ Department of Motor Vehicles registration
- □ Dated and itemized dealer/vendor quote
- ☐ ARB certification executive order
- School board resolution



☑ CHP 292 Form

NSPECTION APPROVAL CERTIFICATE CHP 292 (Rev 6-89) OPI 062	School Bus	School Bus	School Pupil Activ	ity Bus General Public Par	Farm labor vehic ratransit Vehicle
935 CROWN		358	YOM NUMBER	E 666603	/Z
This certifies that on the date entered below, an authorized employee of the California Highway Patrol Inspected the validle described herein and found it complied with applicable laws and regulations relating to construction, design, and equipment.					
SIGNATURE	The state of the s		DATE CERTIFIED	STICKER NO.	ODOMETER REAL
Von tolug	A 9824	834	3-3-05		251 939
west Benamides	A10880	834	3-27-06	~	276,556
Von to	A 9824	834	3-14-07		295079
Yarry Mansker	A13354	83.4	4-10-08	-	3/3524
NOTICE: The pessenger capacity of the vehicle describ sengel bus, school pupil earlyity bus, youth bus, or far passenges in installed seating and pu- chairs and driver.	A: La capacidad de par o como autobés de esc es, o vehículo de trabajo as y pesojeros	uela, autobús de activadores agricules es	ded estudiantil, autol		
	has been validated	2. Es contr validado	ra la ley de manajar est dentro de los 13 meses	e vehículo a menos que precededos,	e este certificado se h
It is unlewful to drive this vehicle unless this certificate within the preceding 13 months.		Este contificado debe ser postado a vista en el compartimiento del manejer del vahículo,			

See <u>Advisory 08-002</u> for alternate forms of documentation that may be used to verify school bus continuous safety certification.

http://www.arb.ca.gov /bonds/schoolbus/advi sory/adv08-002.pdf

For a 1977-1986 MY bus replacement, ARB requires documentation that shows continuous safety certification from December 31, 2005 to the present



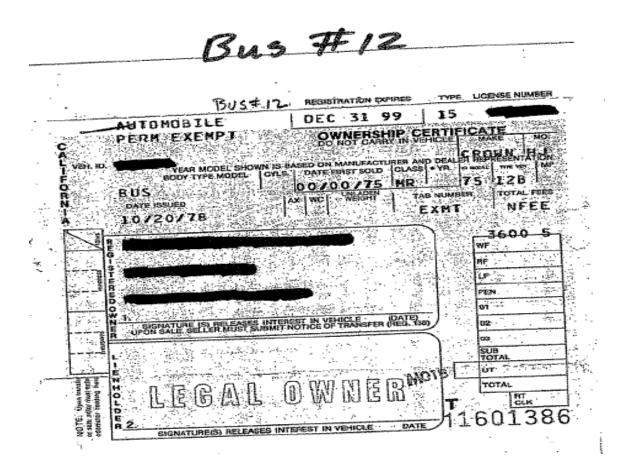
Required Documentation

- ⇒ Replacement Application
- ⇒ Retrofit Application

- □IRS W-9
- ☐ CHP form 292
- **☑** DMV registration
- □ Dated and itemized dealer/vendor quote
- ☐ ARB certification executive order
- ☐ School board resolution



☑ DMV Registration





Required Documentation

- ⇒ Replacement Application
- ⇒ Retrofit Application

- ☐ IRS W-9
- ☐ CHP form 292
- □ DMV registration
- ☑ Dated and itemized dealer/vendor quote
- ☐ ARB certification executive order
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☑ Bus Replacement and Retrofit Quote

- Quote must be itemized
- For replacement bus, quote must break out original equipment from optional equipment

For a list of vendors, see:

http://www.arb.ca.gov/msprog/publicfleets/retrofitdistributorslist.pdf



Required Documentation

- ⇒ Replacement Application
- ⇒ Retrofit Application

- ☐ IRS W-9
- ☐ CHP form 292
- □ DMV registration
- □ Dated and itemized dealer/vendor quote
- ☑ ARB certification executive order
- School board resolution



M ARB Executive Order Certification



CUMMING INC.

EXECUTIVE ONDER A 021-0404 First Confloat Meany/Duty Engines:

Forsuant to the authority vested in the Air Resources Board by Health and Safety Code by vision 26, Part 5, Chapter and pursuant to the authority vested in the undersigned by Health and Bafety Code Sections 25515 and 20516 and Executive Order G-02-003:

CTIS ORDERED AND RESOLVED: The anoine and emission control systems produced by the manufacturer are certified. as pasented below for use in on-road motor vehicles with a manufacturer's GVWR over 14,000 pounds. Production angines shall be in all material respects the same as those for which certification is granted.

PODEL ENGINE FAMILY	DOM:	PARE TAPE	STANDARDO INTENDED A TRET SERVICE PROCESSIVE CLASS	BOUTO CAC BOW, ESR OC	DESIGNATION OF THE PERSON OF T
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Following are, 1; the FTP enhaust emission standards, or family emission limit(s) as applicable, under 13 CCR 1956 &: 2) the EURO and NTE limbs under the applicable California exhaust emission standards and test procedures for heavyduty siesel engines and vehicles (Test Procedures); and 3) the corresponding contification levels. for this engine family "Deser CO. EURO and NTE certification compliance may have been demonstrated by the manufacturer as provided under the applicable Test Procedures in lieu of testing. (For feeble, and subtlead eighes, the CRRT values in Masses)) are new way tested to provening a lieu file. For matchesed engines, the STO and CRRT values for detail does make permitted in 15 CCR 1956 is are in Committee seek 1

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PB.			1.25	1.25	18	1.2						
-9897	5.01	6.009	1.55	0.94	1.0	0,0	0.1	6.30	6.002	0.300		1
470	6.	25	1.	68	1	36	16	0.4	0.	G2		7

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Obtain your **Executive** Order from your bus vendor



☑ ARB Executive Order Certification

State of California AIR RESOURCES BOARD

EXECUTIVE ORDER DE-05-010-03

Pursuant to the authority vested in the Air Resources Board (ARB) by Health and Safety Code, Division 26, Part 5, Chapter 2; and pursuant to the authority vested in the undersigned by Health and Safety Code section 39515 and 39616 and Executive Order G-02-003:

Relating to Exemptions under section 27156 of the Vehicle Code, and Verification under sections 2700 through 2710 of Title 13 of the California Code of Regulations

Cleaire Advanced Emission Controls, LLC (Cleaire) Horizon™ Electric Particulate Filter (Horizon)

ARB staff reviewed Cleaire's request for verification of the Horizon. Based on an evaluation of the data provided, and pursuant to the terms and conditions specified below, the Executive Officer of ARB hereby finds that the Horizon reduces emissions of diesel particulate matter (PM) consistent with a Level 3 device (greater than or equal to 85 percent reductions) (Title 13, California Code of Regulations (CCR), sections 2702 (f) and (g) and section 2708). Accordingly, the Executive Officer determines that the system merits verification and, subject to the terms and conditions specified below, classifies the Horizon as a Level 3 system for on-road vehicles that use heavy-duty diesel engines of all model years up through and including 2006, except those belonging to engine families listed in Attachment 1.

Obtain your Executive Order from your filter vendor



Required Documentation

- ⇒ Replacement Application
- ⇒ Retrofit Application

- ☐ IRS W-9
- ☐ CHP form 292
- DMV registration
- □ Dated and itemized dealer/vendor quote
- ☐ ARB certification executive order
- ☑ School board resolution



SAMPLE LANGUAGE:

You must acquire school board resolution by January 23, 2009

School District XYZ is authorized to apply for funding in the amount of \$ _____ from the Lower-Emission School Bus Program. If selected for funding, the school district is expecting to enter into a Grant Agreement with the California Air Resources Board. If selected for funding, the school district will implement a project to replace _____ school bus(es) with 2007 model year or newer buses and/or retrofit _____ school bus(es) with ARB-verified Level 3 devices.

☑ School Board Resolution should be signed by any individual authorized to sign for the school board.



⇒Replacement Application ONLY



✓ Replacement Application *ONLY*

- □ Documentation of communication between school district & school bus distributor re: late bus delivery penalty
- □ Data tag photograph for each bus to be replaced

Optional, for Alternative Fuel Buses:

□ A dated and itemized quote for alternative fuel infrastructure



✓ Replacement Application *ONLY*

- ☑ Documentation of communication between school district & school bus distributor re: late bus delivery penalty
- □ Data tag photograph for each bus to be replaced
- Optional, for Alternative Fuel Buses:
- □ A dated and itemized quote for alternative fuel infrastructure



☑ Communications on Late Bus Delivery Penalty

- Applicant must show documentation that it has informed the school bus distributor of this penalty through:
 - Email communications between the applicant and the school bus distributor, or
 - Official letter from the school bus distributor to the applicant stating that it understands the late bus delivery penalty, or
 - Include statement on vendor invoice

SAMPLE LANGUAGE:

ARB will reduce the grant payment to the school bus distributor by \$100 per day per bus for each day a bus is delivered after the applicable delivery deadline.



✓ Replacement Application *ONLY*

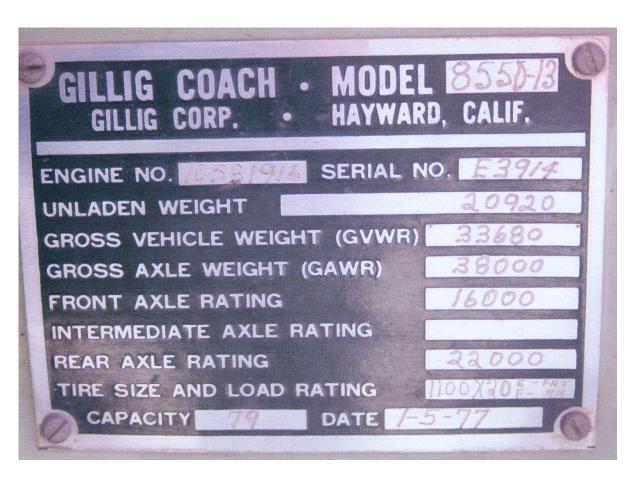
- □ Documentation of communication between school district & school bus distributor re: late bus delivery penalty
- ☑ Data tag photograph for each bus to be replaced

Optional, for Alternative Fuel Buses:

□ A dated and itemized quote for alternative fuel infrastructure



☑ Photo of Data Tag



Please note:

- ✓ Photograph must be legible and preferably in electronic format.
- ✓ The data tag can be usually found inside the bus in two spots:
- (1) above the front window, **or**
- (2) on the panel above the driver



✓ Replacement Application *ONLY*

- □ Documentation of communication between school district & school bus distributor re: late bus delivery penalty
- □ Data tag photograph for each bus to be replaced

Optional, for Alternative Fuel Buses:

☑ A dated and itemized quote for alternative fuel infrastructure



Application Frequently Asked Questions

⇒Replacement Application ONLY



Q: How do I record Cumulative Mileage?

Section II. Existing Bus Information

Question 22. Cumulative Mileage

Con	EXISTING SCHOOL BUS INFORMATION: uplete this section for each vehicle proposed to be replace	ed: Vehicle of
14.	School Bus Identification Number:	ed. Venicle 01
15.	School Bus Storage Address:	9/2
16.	a. City:	b. Zip Code:
17.	School Bus Manufacturer:	SILE II FOR V 7
18.	a. School Bus Model:	b. School Bus Model Year:
19.	School Bus Type: Type C Type D Special Ed Other	
20.	Type of Fuel: Diesel CNG Propane Electric	Other
21.	Estimated Annual Fuel Uses for this School Bus:	
22.	Cumulative Mileage: A. Record th	ne total bus mileage for the life
23.	Gross Vehicle Weight Rating (GVWR): of the bus. I	f cumulative mileage cannot be
		r estimated, record the
		ometer reading, noting that it is
	the current of	odometer reading and not the



Q: How do I fill in the VIN Number?

Section III. New Replacement School Bus Information

Question 35. Vehicle Identification Number

III.	NEW REPLACEMENT SCHOOL BUS INFORMAT	ION			
30.	New School Bus Manufacturer:				
31.	a. New School Bus Model:	b. N	ew School B	us Model Y	'ear:
32.	School Bus Type: Type C Type D Special Ed	Othe	r		
33.	Type of Fuel: Diesel CNG Propane Ele	ectric 🔲	Other		
34.	Gross Vehicle Weight Rating (CVWR):				
35.	Vehicle Identification Number (VIN):				
36.	a. Price of School Bus. b. A	Amount F	Requested fr	om LESB p	rogram:
37.	Estimated Purchase Order Date:	rchase Order Date: Estimated Date of Bus Delivery:			
38.	a. Match Funding Amount:	Ь	. Match Fun	ding Sourc	e:
39.	a. Engine Manufacturer:			С	Engine Model Year:
40.	a. Engine Displacement: A. Leave this sect	ion		orsepower	Rating:
	blank. If selected, enter a VIN number purchasing a bus.	er aft			



Q: How do I fill in Funding Amount Requested?

Section III. New Replacement Bus Info

Question 36b. Amount Requested from LESB Program.

Question 38a and 38b. Match Funding Amount

A. Price of bus (cap of \$140K) minus \$25K (provided by school district).

III.	NEW REPLACEMENT SCHOOL BUS INFORMATION	ON
30.	New School Bus Manufacturer:	
31.	a. New School Bus Model:	b. New School Bus Model Year:
32.	School Bus Type: Type C Type D Special Ed	Other
33.	Type of Fuel: Diesel CNG Propane Elect	tric Other
34.	Gross Vehicle Weight Rating (GVWR):	/
35.	Vehicle Identification Number (VIN):	
36.	a. Price of School Bus:	nount Requested from LESB program:
37.	Estimated Purchase Order Date:	Estimated Date of Bus Delivery:
38.	a. Match Funding Amount:	b. Match Funding Source:
39.	a. Engine Manufacturer: b. Engine Model:	c. Engine Mod
40.	a. Engine Displacement: b. Manufacturer's	Maximum Brake Horsepower Rating:

See Match Waiver Advisory #MSC 08-27 for more info on waivers. A. At least \$25,000 (provided by school district).

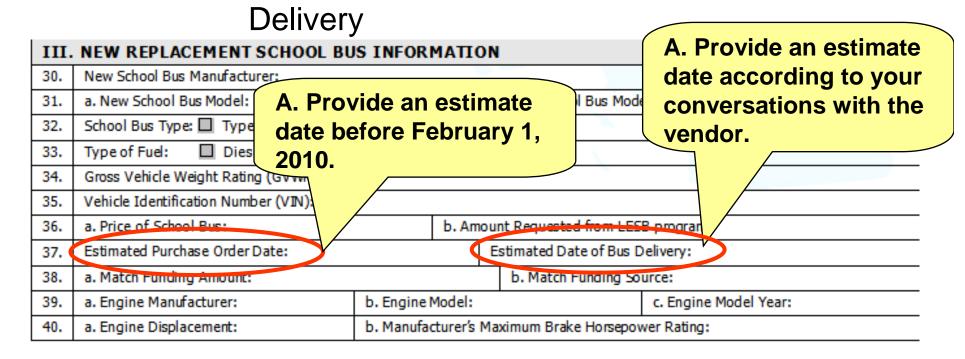
A. Sources can include the school district, local air district, or you can request match waiver of \$15K.



Q: How do I fill in the purchase order and delivery date?

Section III. New Replacement School Bus Information

Question 37. Estimated Purchase Order Date and Bus





Application Frequently Asked Questions

- ⇒ Replacement Application
- **⇒** Retrofit Application



Q: What do I record for Average Vehicle Life?

Section II. Existing Bus Information

Question 29. Average Vehicle Life

COL	nplete this section for each ve	nicle proposed to be replaced:	V	ehicle	of	
4.	School Bus Identification Number:	000		' 00		
5.	School Bus Storage Address:		47	- 3	Co	
6.	a. City:		b. Z	ip Code:	Y/5.	
7.	School Bus Manufacturer:			40 4	-/	
8.	a. School Bus Model:	1000	b. 5	ichool Bus	Model Year:	
9.	School Bus Type: Type C	Type D Special Ed Other				
0.	Type of Fuel: Diesel CNG	Propane Electric Other		(6_		
1.	Estimated Annual Fuel Usage for this Sc	hool Bus:	2//			
2.	Cumulative Mileage:					
3.	Gross Vehicle Weight Rating (GVWR):					
4.	Vehicle License Number:	\		A. F	Record how long you	
25.	Vehicle Identification Number (VIN):	A-F	70°			
26.	a. Engine Manufacturer:	b. Engine Model:	c. En		ially keep your school	
7	a. Engine Displacement:	b. Engine Serial Number:		bus	es, not how long you	
7.	Manufacturer's Maximum Brake Horsepower Rating:				e kept the school bus	
8.				114		



Q: What should I record for maintenance?

Section VII. Additional Information

Question 63. Maintenance?

SCHOOL BUS REPLACEMENT APPLICATION

VII. ADDITIONAL INFORMATION

63. Maintenance

Describe your maintenance facility and practices, including any training regarding the reduced-emission technology. If the training has not been completed, provide a timeline for completion.

A. For retrofits, record whether filter cleaning (e.g., baking; pulsing) is done inhouse or by vendor.

A. For replacement, record whether maintenance includes oil change or full service.



Application Frequently Asked Questions

⇒ Retrofit Application ONLY



Q: What is the Retrofit Family Name?

Section III. Retrofit Technology Information

Question 30. Retrofit Family Name.

۷/.	Average vehicle the (now long you usually	r keep your scrioor buses).
III	. LEVEL 3 RETROFIT TECHNOLOG	Y INFORMATION
28.	Retrofit Manufacturer:	
29.	Retrofit Model:	
30.	Retrofit Family Name:	A. The retrofit family name is a alpha numeric code
31.	Cost or Retrorit Device (inclu	that identifies the device. The code describes the
32.	Cost of Additional Expenses (ma	manufacture, the device name, Level (1,2, or 3), &
33.	a. LESB Funds Requested:	NOx reductions.
		Here is an example:
		CA/CLE/2005/PM3+/N00/ON/DPF01
		0A/0EE/2003/1 W3+/1400/014/D1 1 0 1
		Value on find the family name on the Evecutive Order
		You can find the family name on the Executive Order
		for the device. These can be found at:
		http://www.arb.ca.gov/diesel/verdev/level3/level3.htm



More Application Questions?

Contact ICF at
(415) 677-7160
or
SchoolBusInfo@icfi.com





Mail your Signed Applications by October 31st 2008

Send Applications to:

Lower-Emission School Bus Program
ICF International
394 Pacific Avenue, 2nd Floor
San Francisco, CA 94111



